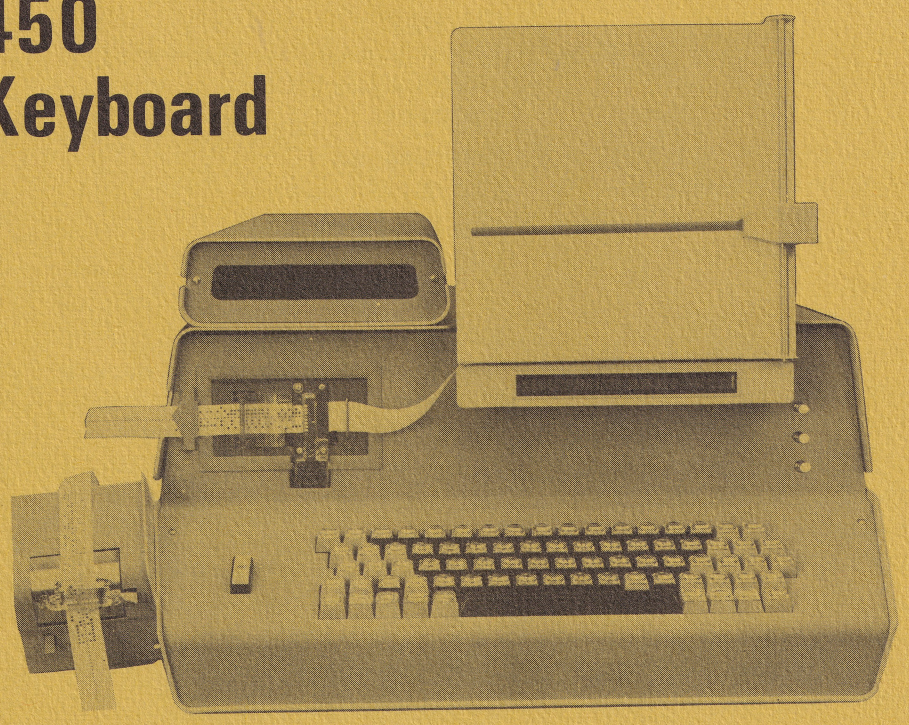
Electro/Set 450 Perforating Keyboard



An Editing Keyboard With Floating Display and Tape Reader

The Electro/Set 450 Editor is a versatile dual purpose keyboard with a unique Floating Display and paper tape reader; all designed to meet the demands of today's high speed sophisticated computerized equipment.

In the edit mode, the Electro/Set 450 provides for a fast and economical way of making corrections on tape or producing author's changes. The completely flexible Editor provides for additions to, and deletions from, the old tape. A "clean tape" is created thereby eliminating costly and time consuming corrections on the typesetting machine.

The conveniently located Floating Display offers a repertoire of 128 different symbols which include all alpha characters in upper and lower case, numeric characters, punctuation and necessary function codes. In addition, all rail characters are underlined so the operator knows at a glance that the character is in a bold or italic type face.

Easy to Read

Characters enter the floating display sequentially from the right moving left in a nine-by-seven dot matrix format. This dot matrix technique provides the ultimate in character definition and as a result does not distract the operator.

The Floating Display does not flicker and is equipped with a polarized anti-glare device. Controls are provided to allow the operator to adjust the intensity and density of the characters. In addition, there is a continuous display switch, which displays the line of characters only when the operator so desires. A clear button switch clears the panel when desired.

Simple to Operate

The tape reader has controls that let the operator select the speed of the reader so he can regulate the operation of the Floating Display. The reader has a variable speed of up to 25 characters per second.

Forward and Reverse Jog keys permit the operator to move the characters either to the left or right in order to position the display at a particular edit point. The deletion of a character or characters is accomplished by the operator depressing a delete key when the character is at the Edit point. Additions are merely typed on the keyboard and are immediately displayed at the Edit point. And operators appreciate the smooth, feather light touch of Electro/Set. It's comparable to an electric typewriter.

Versatile

When the Electro/Set 450 Editor is in the keyboard mode, it produces unjustified 6, 7 or 8 level tape for computerized typesetting and other applications. In the keyboard mode the Floating Display provides the operator with a quick and easy way of verifying punch codes without reading the perforator tape, thereby increasing the operator's productivity.

At 50 characters per second, it is the fastest and most efficient electronic keyboard available. And the Floating Display keeps up with even the fastest operator.

When you select an Electro/Set 450 keyboard, you don't have to settle for a standard keyboard arrangement; keyboards can be customized to meet specific requirements. Keyboard arrangements, indicator lights, and code structures can be changed to meet particular requirements. Result: Maximum efficiency and greatest possible productivity.

Reliable

Electro/Set 450 uses highly reliable electronics that are designed around MSI and LSI integrated circuits. Circuit boards can be changed in just minutes. And as added assurance of the continuous production of a large volume of tape, Electro/Set 450 is backed by the VariTyper Division. Service and training are by locally-based specialists.

Specifications
Electro/Set 450

Type
Electronic with MSI, LSI and other solid state circuitry

Output
Non-justified perforated paper tape; 6 level advanced feed on ⅞" tape; 6, 7 or 8 level in-line feed on ⅞" or 1" tape

Number of Keys
78 keys—all on keyboard

Shift
Available with either Teletypesetter* or secretarial shift keys

Indicator Lights
Power on-off; upper rail; shift; shift-out; upper magazine; magazine position 1, 2, 3 and 4

Controls
Intensity control; display power on/off; continuous display; clear button; reader speed control

Display
128 unique symbols; all rail symbols underlined; symbols defined by 9 x 7 dot matrix

Punch Speed
50 characters/second

Last Word Delete
Optional; deletes last word by a single keystroke

Mono-Mode Module
Optional; provides one changeable 64 character code structure on one module; code structure selection by manual change of plug-in circuit board

Tri-Mode Module
Optional; provides three changeable 64 character code structures on one module; code structure selection by a single keystroke

Parity Checks
Available with mono or tri-mode modules; even or odd

Add 7 and Add 8
Available with 8 level punch; adds 7 and/or 8 level code to standard TTS* or other code structure

Dimensions
Width 22"; Height 9⅛" (without copyholder)—17⅝" (with copyholder); Depth: 20"

Weight
58 lbs.

Power
115 VAC; 50-60 HZ; 230 VAC; 50 HZ (optional)

Color
Beige and gray

*TM of VariTyper Division

Model Electro/Set 450
Equipment Designations

E/S 450-1	Photon 713
E/S 450-2	Photon 532
E/S 450-5	Photon Pace Setter
E/S 450-10	Mergenthaler Super Quick
E/S 450-11	Mergenthaler VIP
E/S 450-12	Mergenthaler Linotron 505
E/S 450-20	Intertype Fototronic 1200
E/S 450-21	Intertype Fototronic TXT
E/S 450-23	Intertype Fototronic 600
E/S 450-30	Compugraphic 2961 TL
E/S 450-31	Compugraphic 4961 TL
E/S 450-32	Compugraphic ACM 9000
E/S 450-40	Fairchild 2020/4000
E/S 450-41	Fairchild Compo/Mix 100
E/S 450-50	AM 725
E/S 450-51	AM 707
E/S 450-52	AM 744
E/S 450-53	AM 747
E/S 450-62	Photomix 70
E/S 450-70	IBM 1130
E/S 450-71	PDP-8
E/S 450-72	Fairchild Comp/Set

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